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PTO/SB/08A (08-00)

<b>Substitute for Form 1449A/PTO</b> <b>INFORMATION DISCLOSURE</b> <b>STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	10/053,194
				Filing Date	January 16, 2002
				First Named Inventor	Guangping Gao et al
				Group Art Unit	1648 1676
Examiner Name	S. Foley M. Burkhart				
Sheet	1	of	3	Attorney Docket Number	GNV PN.037BUSA

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**U.S. PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
MB	AA	5,891,690	B1	B. Massie	04/06/1999	Col. 9, lines 31-50, entire document
MB	AB	6,365,394	B1	G. Gao	04/02/2002	entire document

**FOREIGN PATENT DOCUMENTS**

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
MB	AL	WO	WO97/00326	A1	F. Fallaux	01/03/1997	entire document	
MB	AM	WO	WO01/23597	A3	G. Gao	04/05/2001		

Examiner Signature	<i>Mike Rley</i>	Date Considered	8-27-04
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<sup>2</sup>Unique citation designation number. <sup>3</sup>See attached Kinds of U.S. Patent Documents. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

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				Group Art Unit	<del>1648</del> 1636
				Examiner Name	<del>S. Foley</del> M. Burkhardt
Sheet	2	of	3	Attorney Docket Number	GNVPN.037BUSA

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OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS				
Examiners Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
NB	AR	Y. DAI et al, "Cellular and Humoral Immune Responses to Adenoviral Vectors Containing Factor IX Gene: Tolerization of Factor IX and Vector Antigens Allows for Long Term Expression", Proc. Natl. Acad. Sci. USA, 92:1401-1405 (February, 1995)		
MB	AS	F. FALLAUX et al, "New Helper Cells and Matched Early Region 1-Deleted Adenovirus Vectors Prevent Generation of Replication-Competent Adenoviruses", Hum. Gene Ther., 9:1909-1917 (September, 1998)		
MB	AT	G. GAO et al, "Biology of Adenovirus Vectors with E1 and E4 Deletions for Liver Directed Gene Therapy", J. Virol., 70:8934-8943 (December, 1996)		
MB	AU	H. GILGENKRANTZ et al, "Transient Expression of Genes Transferred In Vivo into Heart Using First-Generation Adenoviral Vectors: Role of the Immune Response", Hum. Gene Ther., 6:1265-1274 (December, 1995)		
MB	AV	N. HABIB et al, "A Phase I/II Study of Hepatic Artery Infusion with stp53-CMV-Ad in Metastatic Malignant Liver Tumors", Hum. Gene Ther., 10:2019-2034 (October, 1999)		
MB	AW	K. HEHIR et al, "Molecular Characterization of Replication-Competent Variants of Adenovirus Vectors and Genome Modification to Prevent their Occurrence", J. Virol., 70:8459-8467 (December, 1996)		
MB	AX	J. IMLER et al, "Trans-Complementation of E1-Deleted Adenovirus: A New Vector to Reduce the Possibility of Co-Dissemination of Wild Type and Recombinant Adenoviruses", Gene Ther., 3:75-84 (June, 1995)		
MB	AY	J. IMLER et al, "Novel Complementation Cell Lines Derived from Human Lung Carcinoma A549 Cells Support the Growth of E1-Deleted Adenovirus Vectors", Gene Ther., 3:75-84 (January, 1996)		

Examiner Signature	<i>Michael H. Kelly</i>	Date Considered	8-27-07
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Sheet	3	of	3	Attorney Docket Number	GNVPN.037BUSA

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**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiners Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
NB	AZ	H. LOCHMULLER et al, "Emergence of Early Region 1-Containing Replication-Competent Adenovirus in Stocks of Replication-Defective Adenovirus Recombinants (ΔE1 and ΔE3) During Multiple Passages in 293 Cells", Hum. Gene Ther., 5:1485-1491 (December, 1994)	
NB	AAR	J. WILSON et al, "Gene Therapy of Cystic Fibrosis Lung Disease Using E1 Deleted Adenoviruses: A Phase I Trial", Hum. Gene Ther., 5:501-519 (April, 1994)	
NB	AAS	Y. YANG et al, "Cellular Immunity to Viral Agents Limits E1-Deleted Adenoviruses for Gene Therapy", Proc. Natl. Acad. Sci. USA, 91:4407-4411 (May, 1994)	
NB	AAT	H. ZHOU et al, "Development of a Complementing Cell Line and a System for Construction of Adenovirus Vectors with E1 and E2a Deleted", J. Virol., 70:7030-7038 (October, 1996)	
NB	AAU	J. ZHU et al, "Characterization of Replication-Competent Adenovirus Isolates from Large Scale Production of a Recombinant Adenoviral Vector", Hum. Gene Ther., 10:113-121 (January, 1999)	
NB	AAV	G. GAO et al, "A Cell Line for High-Yield Production of E1-Deleted Adenovirus Vectors without the Emergence of Replication-Competent Virus", Hum. Gene Ther., 11:213-219 (January, 2000)	

Examiner Signature	<i>M. Burkhardt</i>	Date Considered	8-27-04
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